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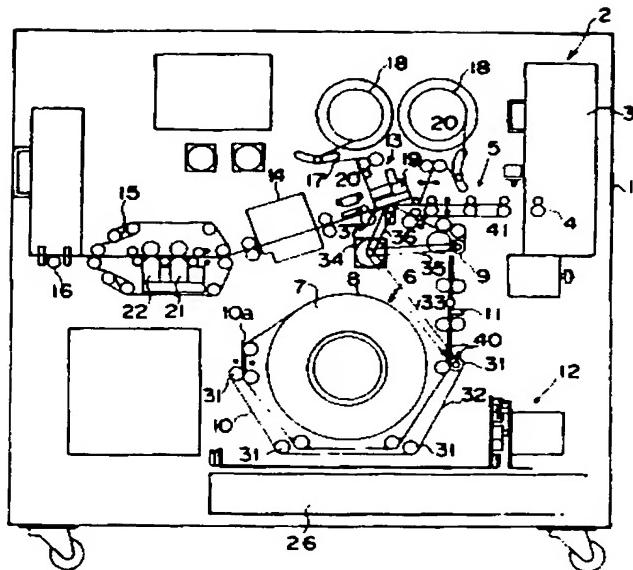
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APPLICANT : TOSHIBA CORP.

INVENTOR : ARAI KIMIYOSHI

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**TITLE** : PRINTER



**ABSTRACT :** PURPOSE: To provide a printer which can print on a paper and issue the printed paper more speedily than conventional printers and in which a driving system for feeding the paper is made small in size, by a method wherein feeding of a paper to a printing part and feeding of the paper through the printing part are conducted by a single driving motor the speed of which be controlled.

**CONSTITUTION:** A feeding system 10 for a rolled paper 7 is comprised of a plurality of rollers 31... placed at predetermined intervals and a feeding belt 32, and the driving motor 34 is connected to the system 10. The motor 34 is a pulse motor, the rotating speed of which is controlled in accordance with the number of pulses. The feed quantity of the paper 7 is measured by counting the number of driving pulses for the motor 34. The motor 34 is initially rotated at a high speed, is then once stopped by an operation of a cutter 11, and is restarted to feed the paper 7 towards a heat-sensitive transfer printing part 13 at a high speed. When the paper 7 is detected by a detector 14, the motor 34 is decelerated to feed the paper 34 at a speed equal to that of the printing part 13. After printing is completed, information is loaded on the paper by a magnetic encoding part 15, and the paper is momentarily discharged into a storing part 16.

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